

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir,  
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

|                                                                                                                                  |                                                             |
|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | 8. Well Name and No.<br>Carson Unit 14 Well No. 41          |
| 2. Name of Operator<br>Central Resources, Inc.                                                                                   | 9. API Well No.<br>30-045-05415                             |
| 3. Address and Telephone No.<br>P.O. Box 2810, Farmington, New Mexico 87499 (505) 326-3325                                       | 10. Field and Pool, or Exploratory Area<br>WAW Fruitland PC |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>660' FNL, 660' FEL, Section 14, T25N, R12W             | 11. County or Parish, State<br>San Juan, New Mexico         |

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION | TYPE OF ACTION |
|--------------------|----------------|
|--------------------|----------------|

|                                                      |                                                   |                                                  |
|------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment   | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Recompletion             | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Plugging Back            | <input type="checkbox"/> Non-Routine Fracturing  |
|                                                      | <input type="checkbox"/> Casing Repair            | <input type="checkbox"/> Water Shut-Off          |
|                                                      | <input type="checkbox"/> Altering Casing          | <input type="checkbox"/> Conversion to Injection |
|                                                      | <input checked="" type="checkbox"/> Other Revised | <input type="checkbox"/> Dispose Water           |

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See attached procedure for proposed plugging operation.

Also attached is a copy of a Cement Bond Log ran on 6-19-76.  
The Fruitland Coal was perforated from 1210' to 1230'.  
The cement top is approximately 1106'. There are no other  
Fruitland intervals above the coal which are capable of producing  
oil or gas.

RECEIVED  
OCT 26 1998

OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

|                                              |                               |                         |
|----------------------------------------------|-------------------------------|-------------------------|
| Signed <u>Thomas W. DeLong</u>               | Title <u>District Manager</u> | Date <u>10/14/98</u>    |
| (This space for Federal or State office use) |                               |                         |
| Approved by <u>/S/ Duane W. Spencer</u>      | Title <u></u>                 | Date <u>OCT 23 1998</u> |
| Conditions of approval, if any:              |                               |                         |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any manner within its jurisdiction.

\* See Instruction on Reverse Side

NMOCD

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**Plugging and Abandonment Procedure  
Carson Unit 14 Well No. 14  
Attachment "A"**

**WELL DATA:**

Location: 660' FNL, 660' FEL, Section 14, T25N, R12W  
San Juan County, New Mexico

TD: 5090'  
PBTD: 1247'

Surface Casing: 8-5/8", 24 ppf, J-55 set @ 210'. Cement w/ 130 sks cement.

Production Casing: 4-1/2", 9.5 14 ppf, J-55, set @ 5085'. Cement with 150 sks cement.

Perforations: 1210' - 1230' w/ 2 JSPF

**PROCEDURE:**

1. Pull and lay down rods and rotor. TOH and lay down tubing, anchor and stator.
2. Mix and pump 38 sacks (44.8 cuft) cement down casing. Displace with water to 800'. Shut down and wait on cement.
3. Rig up wireline services and tag cement. Perforate squeeze holes at 326'.
4. Establish circulation down casing, through perforations at 326', up annulus and out bradenhead.
5. Mix and pump 100 sacks (118 cuft) cement down casing through perforations, up annulus and out bradenhead. Leave casing and annulus full of cement.
6. Cut off casing and install regulation dry hole marker. Reclaim location per BLM regulations.

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**Schlumberger**

# CEMENT BOND LOG

VDL-GR

|                                                                                                                                   |                                                |                                 |                                       |                         |                                 |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------|---------------------------------------|-------------------------|---------------------------------|
| COUNTY <u>SAN JUAN</u><br>Field or LOCATION <u>BISTI</u><br>WELL <u>CARSON UNIT NO. 41-14</u><br>COMPANY <u>SHELL OIL COMPANY</u> | COMPANY <u>SHELL OIL COMPANY</u>               |                                 |                                       |                         |                                 |
|                                                                                                                                   | WELL <u>CARSON UNIT NO. 41-14</u>              |                                 |                                       |                         |                                 |
|                                                                                                                                   | FIELD <u>BISTI</u>                             |                                 |                                       |                         |                                 |
|                                                                                                                                   | COUNTY <u>SAN JUAN</u> STATE <u>NEW MEXICO</u> |                                 |                                       |                         |                                 |
|                                                                                                                                   | LOCATION                                       |                                 | API Serial No. <u>660 FNL 660 FEL</u> |                         | Other Services:<br><u>SC-HJ</u> |
| Sec. <u>14</u>                                                                                                                    |                                                | Twp. <u>25N</u> Rge. <u>12W</u> |                                       |                         |                                 |
| Permanent Datum: <u>GL</u> , Elev. <u>6374</u>                                                                                    |                                                |                                 |                                       | Elev.: K.B. <u>6383</u> |                                 |
| Log Measured From <u>KB</u> , <u>9</u> Ft. Above Perm. Datum                                                                      |                                                |                                 |                                       | D.F. <u>6382</u>        |                                 |
| Drilling Measured From <u>KB</u>                                                                                                  |                                                |                                 |                                       | G.L. <u>6374</u>        |                                 |
| Date                                                                                                                              | <u>6-16-76</u>                                 |                                 | Type Drill Fluid                      | <u>GEL MUD</u>          |                                 |
| Run No.                                                                                                                           | <u>ONE</u>                                     |                                 | Fluid Level                           | <u>FULL</u>             |                                 |
| Depth - Driller                                                                                                                   | <u>1318</u>                                    |                                 | Max. Rec. Temp.                       | <u>---</u> °F           |                                 |
| Depth - Logger                                                                                                                    | <u>1324</u>                                    |                                 | Est. Cement Top                       | <u>---</u>              |                                 |
| Btm. Log Interval                                                                                                                 | <u>1316</u>                                    |                                 | Equip. Location                       | <u>5616 FARM</u>        |                                 |
| Top Log Interval                                                                                                                  | <u>1000</u>                                    |                                 | Recorded By                           | <u>PEARSON</u>          |                                 |
| Open Hole Size                                                                                                                    | <u>7-7/8</u>                                   |                                 | Witnessed By                          | <u>MR. GRAY</u>         |                                 |
| CASING REC.                                                                                                                       | Size                                           | Wt/Ft                           | Grade                                 | Type Joint              |                                 |
| Surface String                                                                                                                    | <u>8-5/8</u>                                   |                                 |                                       | Top                     | Bottom                          |
| Prot. String                                                                                                                      |                                                |                                 |                                       | <u>SURF</u>             | <u>210</u>                      |
| Prod. String                                                                                                                      | <u>4-1/2</u>                                   | <u>9.5</u>                      | <u>J-55</u>                           | <u>SURF</u>             | <u>5085</u>                     |
| Liner                                                                                                                             |                                                |                                 |                                       |                         |                                 |
| PRIMARY CEMENTING DATA                                                                                                            |                                                |                                 |                                       |                         |                                 |
| STRING                                                                                                                            | Surface                                        | Protection                      | Production                            | Liner                   |                                 |
| Vol. of cement                                                                                                                    |                                                |                                 | <u>NA</u>                             |                         |                                 |
| Type of cement                                                                                                                    |                                                |                                 |                                       |                         |                                 |
| Additive                                                                                                                          |                                                |                                 |                                       |                         |                                 |
| Retarder                                                                                                                          |                                                |                                 |                                       |                         |                                 |
| Wt. of slurry                                                                                                                     |                                                |                                 |                                       |                         |                                 |
| Water loss                                                                                                                        |                                                |                                 |                                       |                         |                                 |
| Type fluid in csg.                                                                                                                |                                                |                                 |                                       |                         |                                 |
| Fluid wt.                                                                                                                         |                                                |                                 |                                       |                         |                                 |

The well name, location and borehole reference data were furnished by the customer.

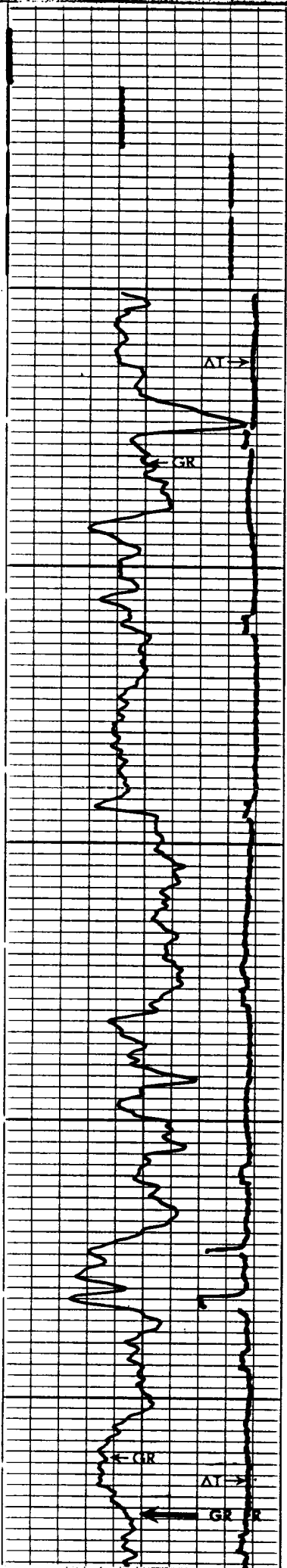
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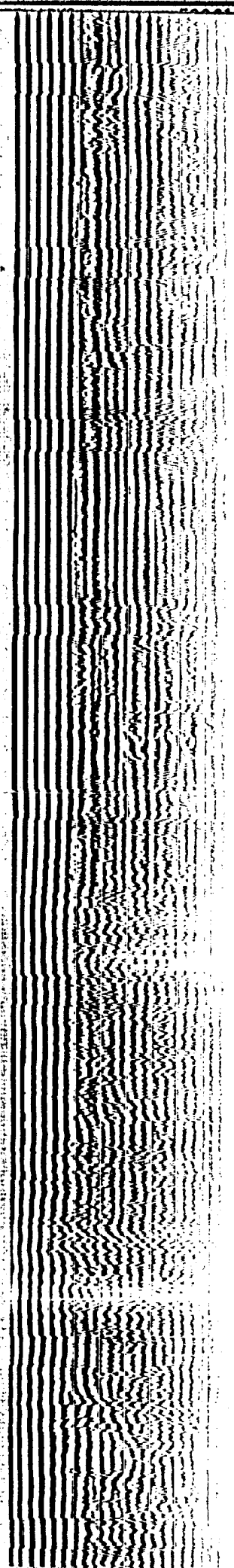
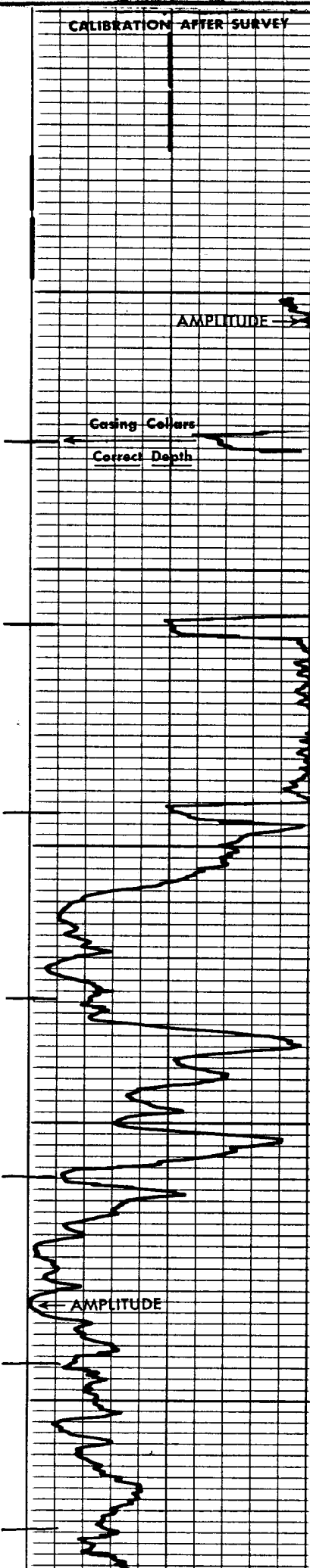




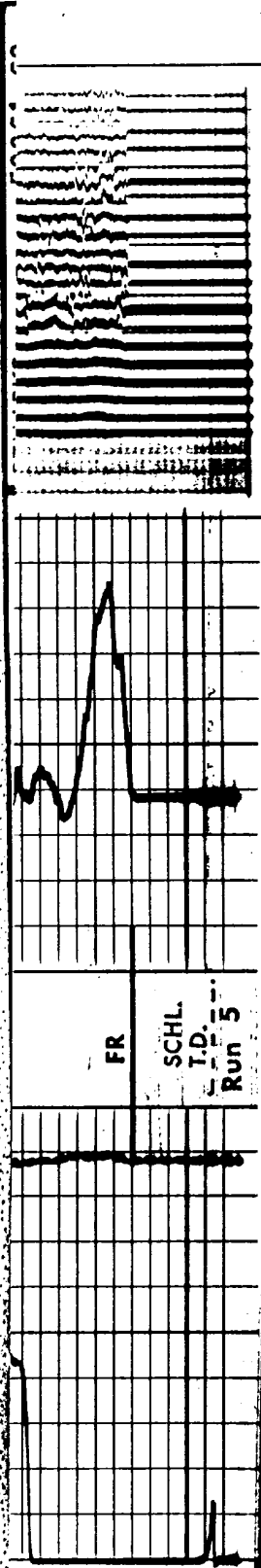




4  
3  
2  
1  
1000  
1100  
1200



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|                                                                 |  |                                            |  |                                                                      |  |
|-----------------------------------------------------------------|--|--------------------------------------------|--|----------------------------------------------------------------------|--|
| <b>TRANSIT TIME</b><br>MICROSECONDS <u>3</u> SPACING <u>200</u> |  | <b>CASING BOND</b><br>MILLIVOLTS <u>50</u> |  | <b>VARIABLE DENSITY</b><br>MICROSECONDS <u>5</u> SPACING <u>1200</u> |  |
| <b>GAMMA RAY</b> API UNITS<br><u>0</u> <u>150</u> <u>300</u>    |  | Casing Collars<br>Corrected Depth          |  |                                                                      |  |
| DEPTH                                                           |  |                                            |  |                                                                      |  |

|         |                   |          |         |
|---------|-------------------|----------|---------|
| COMPANY | SHELL OIL COMPANY | SCHL. FR | 1316    |
| WELL    | CARSON UNIT 41-14 | SCHL. TD | 1324    |
| FIELD   | BISTI             | DRLR TD  | 1318    |
| COUNTY  | SAN JUAN          | Elev:    | KB 6383 |
|         | STATE NEW MEXICO  |          | DF 6382 |
|         |                   |          | GL 6374 |

| CEMENT BOND CALIBRATION CODING |                 |  |
|--------------------------------|-----------------|--|
| $\Delta t$                     | AMPLITUDE       |  |
| 1. MECHANICAL ZERO             | MECHANICAL ZERO |  |
| 2. 240 $\mu$ sec               | ELECTRICAL ZERO |  |
| 3. 320 $\mu$ sec               | CALIBRATE       |  |
| 4. 400 $\mu$ sec               |                 |  |